

Fig. 1

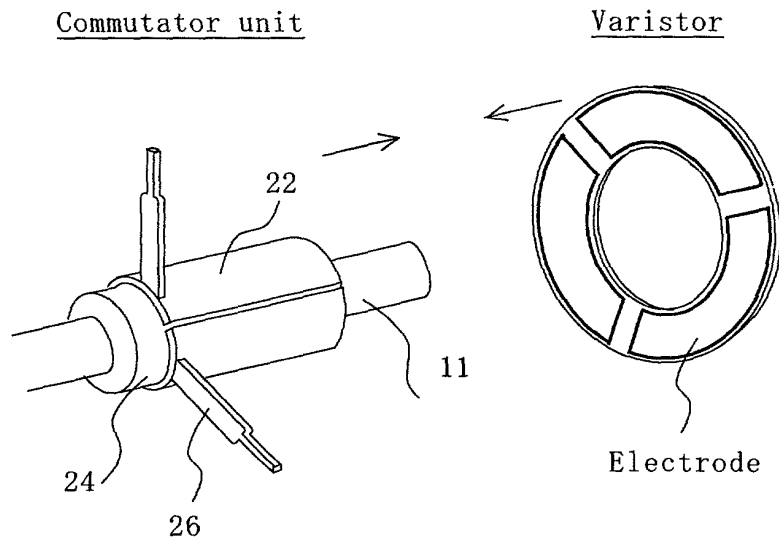
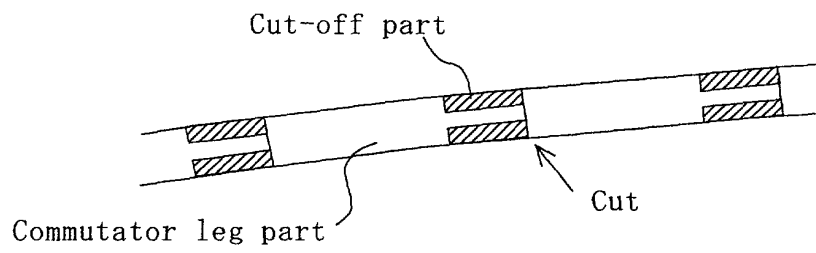


Fig. 2

Parent metal sheet to punch out commutator leg parts



Commutator leg part

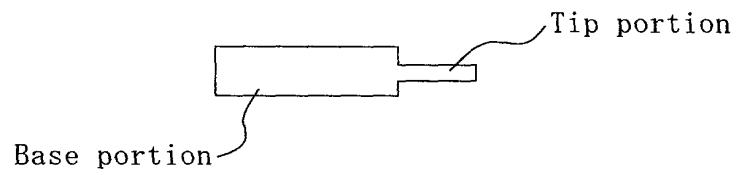


Fig. 3

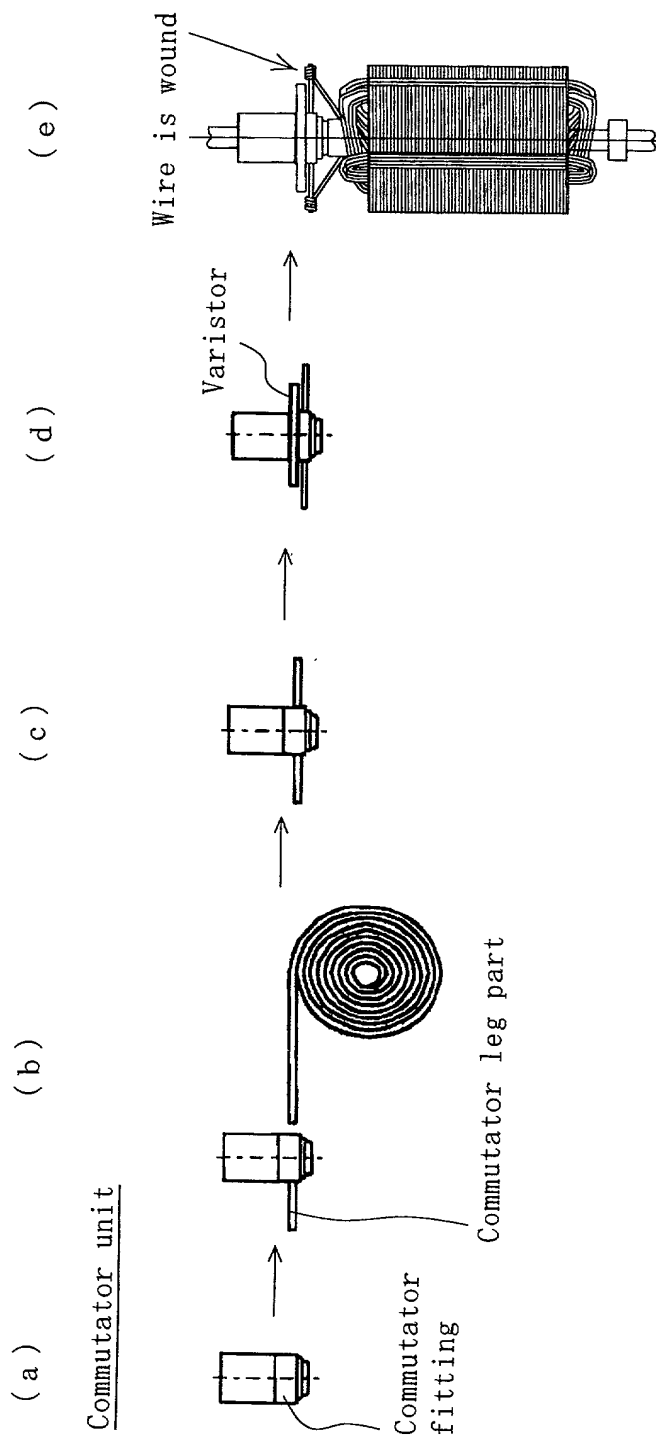


Fig. 4

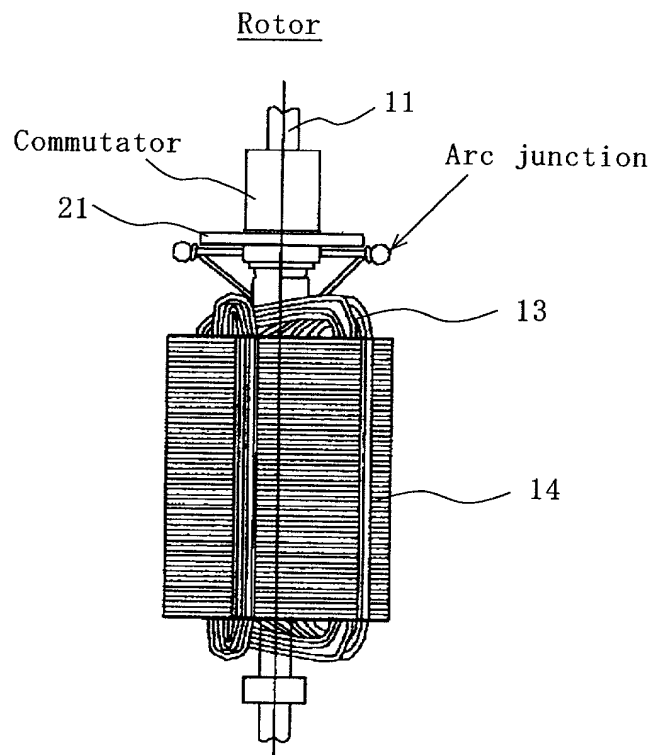


Fig. 5

Prior art

Commutator unit

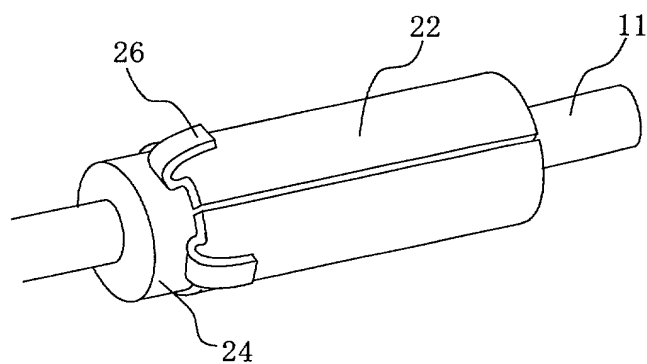


Fig. 6

Prior art

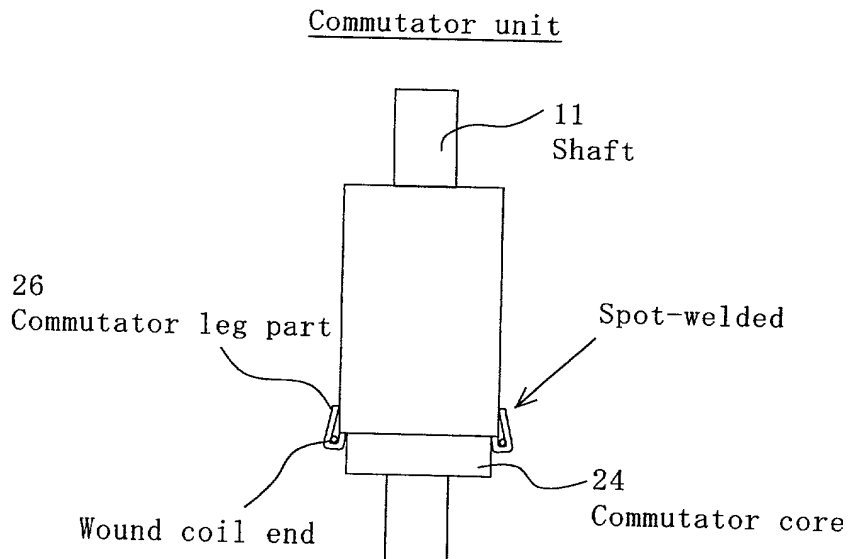


Fig. 7

Prior art

